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Abstract

1. Vehicle data bus system having locating means.

10 2.1. The invention relates to a vehicle data bus system  
having locating means which comprise a locating  
computing unit and a locating sensor system which  
contains at least one GPS receiver with associated  
GPS antenna and gyro data acquisition means, and  
15 having a data bus via which a plurality of  
connected bus users have a data transmission  
connection to one another.

20 2.2. According to the invention, the locating means  
contain a locating module which is embodied as one  
of the bus users and is configured to receive at  
least wheel speed data and forward/backward  
direction of travel data via the data bus, to  
acquire at least vehicle position data, direction  
of travel angle data, travel speed data and  
25 altitude position data as well as to output this  
acquired data onto the data bus, and for this  
purpose contains the location computing unit, the  
GPS receiver and a gyroscope or means for the bus-  
end reception and evaluation of gyro data of a  
30 travel dynamics/traction control system.

2.3. Use, for example, in motor vehicles.